



ENGINEERING CHANGE NOTICE
DART AEROSPACE LTD

Date:	18.11.16	Job No.:	SE18-1016-01	ADR Yes/No:	N	ADR Date:		ECN #:	18- 841
Product No.:	D066-1016			Created By:	RF	Approved By:			
Product Name:	Heli-Utility Basket			Checked By:	DS				

Reason for Change:
Address CAR 18-263

Documents Released:
FMS-D066-1016 Rev. B

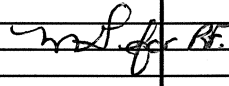
IF APPLICABLE: NCR: _____ PAR: _____ CAR: 18-263 CIR: _____ URF: _____

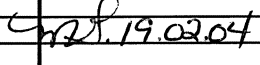
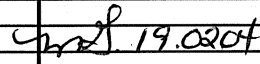
PAPERWORK UPDATE ☒

PARTS MUST COMPLY ☐

PREVIOUS PARTS SATISFACTORY ☐

#	Quality Assurance / Customer Support Actions	Reqd	Resp	Notes	Complete
1	Notify Previous Customers	Y	EL	Send FMS-D066-1016 Rev. B to all existing customers	
2	Notify Airbus	N			
3	Notify Leonardo	N			
4	Manufacturing Licensing Agreement Update	N			

#	Engineering Actions	Reqd	Resp	Notes	Complete
5	Required Documents/Drawings/Item ID's Under Review (URF)	N			
6	Update Master Document List (MDL)	Y	RF	MDL-D066-1016 Rev. B	 18.11.15
7	Update Document Record (DR)	N			
8	Update Product Compatability Matrix	N			
9	Notify TC / FAA of Change (eg. ICA, 8110-3)	N			
10					

#	Document Control Actions	Reqd	Resp	Notes	Complete
11	Move / Update Electronic Files / Design Journal	N			
12	Update Product Specification Files (Bluefiles)	Y	MG	Add FMS-D066-1016 Rev. B	 19.02.04
13	Update Approved/Preliminary Dwg PDF Files	N			
14	Update Product Development Summary (STC applications)	N			
15	Update QSI 021 (TC/FAA STC) and/or STC Approval List	N			
16	Create/Update Parts / STC Database	N			
17	Update / Verify Authorized Release Certificate Database	N			
18	Create / Update Change Record Form / Item Card Database	N			
19	Create / Update Packaging Process Plan (PPP)	N			
20	Red Decals required on Packaging Process Plan (PPP)?	N			
21	Update Controlled Supplier Documents (Qpulse) Database	N			
22	Update Grey Project Binder / Electronic Project Folder	Y	MG	Add FMS-D066-1016 Rev. B	 19.02.04
23	Update D-Part / M-Drawing / DSI / DEO Master Binders	N			
24	Update "Royalty Paid to" attribute (Parts sold under Dart USA STC's)	N			
25					

Description / Action:

- Update FMS-D066-1016 to Rev. B for all D066-1016 kits in stock
- Update website to include FMS-D066-1016 Rev. B
- Send a copy of FMS-D066-1016 Rev. B to all customers who have purchased D066-1016 kits
- Close CAR 18-263

ECN Verified & Complete: 

Date: 18/2/12



Corrective Action Report

Reviewed
DQA:
Date:

Printed on: Wednesday, November 14, 2018

Details			
Raised Date 7/24/2018	Status Open	Owner Siemens, Harvey	Number CAR18-263
Target Date 10/31/2018	Standard	Severity MINOR	
Process Customer Satisfaction		Audit	
Raised By Person San Diego Gas & Electric Company - SDGE	Raised Against (Department or Supplier) Engineering	Fault Category General\Design	
Details			
<p>Raised by Customer Support. Customer is flying without strut installed despite instruction to install on FMS. Customer complaint that beams wobble during flight when basket is removed. Meeting Notes: 8-10-2018: Need another CAR for R66 basket EL, R66 to be higher priority (target date October), push out target date on this CAR to November, we might be able to tackle both with one BT 08-24-2018: SD spoke with Chris and David. May not need to be mentioned in the FMS, waiting on DE's for final answer 08-31-2018: SD talked to CP. CP talked to DS. Discussion between DE s on going. 9-7-2018: Still waiting on DE answer 9-7-2018: Sent through for review 9-14-2018: Steve D to check with DS to get approval for Steve D to change 9-28-2018: D will get update today - 9-14-2018: Steve D to check with DS to get approval for Steve D to make change 10-5-2018: SD TO REVIEW WITH DS NEXT WEEK 10-12-2018: After Discussion with DS , we will move forward with adding a mention in the FMS like the 145 basket. With SD WIP 10-19-2018: SD to confirm with DS 10-26-2018: Confirmed with DS- good. SD to do change</p>			
Keywords A / Steve D/ Case 10740		Product D066-1016-011	
Document		Root Cause	
Closed By	Closed Date	Resolution	

Root Cause			
Target Date 8/3/2018	Owner Downing, Eric M	Closed Date 9/17/2018	Closed By Downing, Eric M
Details			
documentation issue			

Actions			
Number	Owner	Target Date	Completed Date
Details		Response	

Corrective Action			
Target Date 10/31/2018	Owner Siemens, Harvey	Closed Date	Closed By
Details			

Actions			
Number	Owner	Target Date	Completed Date
Details		Response	
1	Siemens, Harvey	9/30/2018	
update FMS to highlight that strut must be installed or add placard to indicate that strut must be installed or update dwg to hard mount strut to basket			
2	Siemens, Harvey	9/30/2018	
Update RMS to recommend either removing beams when flying without basket or hard mounting beams when flying without basket.			

Implementing Corrective Action			
Target Date 8/3/2018	Owner Siemens, Harvey	Closed Date	Closed By
Details			

Actions			
Number	Owner	Target Date	Completed Date
Details		Response	

Verification & Review			
Target Date 10/31/2018	Owner Downing, Eric M	Closed Date	Closed By
Details			

Actions			
Number	Owner	Target Date	Completed Date
Details		Response	